

LAW OFFICES  
**SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC**

2100 PENNSYLVANIA AVENUE, N.W.  
WASHINGTON, DC 20037-3213  
TELEPHONE (202) 293-7060  
FACSIMILE (202) 293-7860  
www.sughrue.com

December 29, 2000

BOX PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231



Re: Application of Dong Kyu, KIM  
A TIMING AND FREQUENCY OFFSET ESTIMATION SCHEME FOR  
OFDM SYSTEMS BY USING AN ANALYTIC TONE  
Our Ref. Q61480

Dear Sir:

Attached hereto is the application identified above including 32 sheets of the specification, including the claims and abstract, and 13 sheets of formal drawings. The executed Declaration and Power of Attorney and Assignment will be submitted at a later date.

The Government filing fee is calculated as follows:

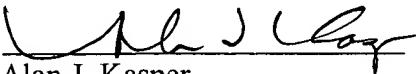
Total claims	<u>40</u>	-	<u>20</u>	=	<u>20</u>	x	\$18.00	=	<u>\$360.00</u>
Independent claims	<u>6</u>	-	<u>3</u>	=	<u>3</u>	x	\$80.00	=	<u>\$240.00</u>
Base Fee									<u>\$710.00</u>

**TOTAL FEE** **\$1310.00**

A check for the statutory filing fee of \$1310.00 is attached. You are also directed and authorized to charge or credit any difference or overpayment to Deposit Account No. 19-4880. The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16 and 1.17 and any petitions for extension of time under 37 C.F.R. § 1.136 which may be required during the entire pendency of the application to Deposit Account No. 19-4880. A duplicate copy of this transmittal letter is attached.

There is no claim to priority.

Respectfully submitted,  
**SUGHRUE, MION, ZINN,**  
**MACPEAK & SEAS, PLLC**  
Attorneys for Applicant

By:   
Alan J. Kasper  
Registration No. 25,426